



Category	Sub-Category	Igarka Geocryology Laboratory
Website		http://mpi.ysn.ru/index.php/news/39
Country		Russia
Opening year		1930
Operational period		Year-round
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	– – igl@igarka.net
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Russian Academy of Sciences Government P.I. Mel'nikov Permafrost Institute, Siberian Branch, Russian Academy of Sciences nikita.tananaev@gmail.com http://mpi.ysn.ru/index.php/category/9
Other institutions	Name Country	– –
Location	Geographical coordinates Altitude of station Min. altitude within study area Max. altitude within study area Nearest town/settlement Distance to nearest town/settlement Map	67°27'10.6" N, 86°32'06.8" E 30 m a.s.l. 2 m a.s.l. 1100 m a.s.l. Igarka (4900 inhabitants) 0 km State 1:100 000, Landsat 7 ETM+ satellite images Google Earth high-resolution
Climate	Climate zone Permafrost Years measured Mean annual temperature Mean temperature in February Mean temperature in July Mean annual wind speed Max. wind speed Dominant wind direction Total annual precipitation Precipitation type Ice break up	Sub-Arctic Discontinuous – -8.3 °C -24.8 °C 15.4 °C 5 m/s (2 m above surface) – NNW 420 mm Rain, snow Lakes: June; Rivers: late May/early June
Station facilities	Area under roof Scientific laboratories Logistic Number of rooms (beds) Number of staff on station (peak/off season) Max. number of visitors at a time Showers Laundry facilities Power supply (type) Power supply	450 m ² (main building) + 90 m ² (apartment) 60 m ² 100 (storage) m ² Main building: 15 (lab, storage and workshops); Apartment: 4 (3 for accommodation, 6 beds and canteen) 11/11 15-20 Yes Yes 220 V 50 Hz AC 24 hours per day
Scientific equipment	Specific device Scientific services offered	Soil physics laboratory, basic chem laboratory equipment, surveying and temp logging equipment Tech support, library, cold samples storage
Medical facilities	Medical facilities Medical suite No. of staff with basic medical training or doctor Distance to hospital (estimated time) Compulsory safety equipment Recommended safety equipment	Standard – 1 5 km Flares VHF radio
Landing facilities	Airstrip (Length × Width) Airstrip surface Helipad Ship landing facilities	Civil aviation airport 10 km from the station – Yes Port, pier, pontoon, sledges
Vehicles at station	Sea transportation Land transportation	Motor boat, rubber boat Car, SUV
Transport and freight	Transport to station Number of ship visits per year (period) Number of flight visits per year (period)	Flight, ship 40-50 (June–October) Daily (year-round)





Features within study area

● Yes
○ No

- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other (Thermokarst lakes, massive ground ice)

Main science disciplines

- Anthropology, Sociology, Archaeology
- Astrophysics
- Atmospheric chemistry and physics
- Isotopic chemistry
- Climatology, Climate Change
- Environmental sciences, Pollution
- Geodesy
- Geology, Sedimentology
- Geophysics
- Glaciology
- Geocryology, Geomorphology
- Soil science
- Human biology, Medicine
- Mapping, GIS
- Marine biology
- Oceanography, Fishery
- Microbiology
- Hydrology
- Terrestrial biology, Ecology
- Paleolimnology
- Paleoeecology
- Limnology

Workshop facilities

- Metal workshop
- Wood workshop
- Plexiglas workshop
- Staff available to assist with constructions

Communication

- Telephone
- Satellite phone
- VHF
- E-mail
- Internet
- Computer
- Printer
- Scanner
- Fax